

1127  
#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/988,117

DATE: 11/28/2001

TIME: 11:06:05

Input Set : A:\00742.066002.SEQLIST.TXT

Output Set: N:\CRF3\11212001\I988117.raw

ENTERED

4 <110> APPLICANT: Benjamin, Thomas L.  
5 Li, Dawei  
6 Mok, Samuel C.  
7 Cramer, Daniel W.  
8 Ma, Yupo  
10 <120> TITLE OF INVENTION: Diagnosing and Treating Cancer Cells  
11 Using Sal2  
13 <130> FILE REFERENCE: 00742/066002  
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/988,117  
C--> 15 <141> CURRENT FILING DATE: 2001-11-16  
15 <150> PRIOR APPLICATION NUMBER: US 09/812,633  
16 <151> PRIOR FILING DATE: 2001-03-19  
18 <150> PRIOR APPLICATION NUMBER: US 60/216,723  
19 <151> PRIOR FILING DATE: 2000-07-07  
21 <160> NUMBER OF SEQ ID NOS: 21  
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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35 Val Cys Ala Lys Cys Cys Ala Gln Phe Thr Asp Pro Thr Glu Phe Leu  
36 35 40 45  
37 Ala His Gln Asn Ala Cys Ser Thr Asp Pro Pro Val Met Val Ile Ile  
38 50 55 60  
39 Gly Gly Gln Glu Asn Pro Asn Asn Ser Ser Ala Ser Ser Glu Pro Arg  
40 65 70 75 80  
41 Pro Glu Gly His Asn Asn Pro Gln Val Met Asp Thr Glu His Ser Asn  
42 85 90 95  
43 Pro Pro Asp Ser Gly Ser Ser Val Pro Thr Asp Pro Thr Trp Gly Pro  
44 100 105 110  
45 Glu Arg Arg Gly Glu Glu Ser Ser Gly His Phe Leu Val Ala Ala Thr  
46 115 120 125  
47 Gly Thr Ala Ala Gly Gly Gly Gly Leu Ile Leu Ala Ser Pro Lys  
48 130 135 140  
49 Leu Gly Ala Thr Pro Leu Pro Pro Glu Ser Thr Pro Ala Pro Pro Pro  
50 145 150 155 160  
51 Pro Pro Pro Pro Pro Pro Pro Pro Gly Val Gly Ser Gly His Leu Asn  
52 165 170 175  
53 Ile Pro Leu Ile Leu Glu Glu Leu Arg Val Leu Gln Gln Arg Gln Ile  
54 180 185 190  
55 His Gln Met Gln Met Thr Glu Gln Ile Cys Arg Gln Val Leu Leu Leu  
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60 225                      230                      235                      240
61 Ser Pro Ile Lys Pro Val Gln Thr Ser Lys Thr Leu Ala Ser Ser Ser
62                      245                      250                      255
63 Ser Ser Ser Ser Ser Ser Ser Gly Ala Glu Thr Pro Lys Gln Ala Phe
64                      260                      265                      270
65 Phe His Leu Tyr His Pro Leu Gly Ser Gln His Pro Phe Ser Ala Gly
66                      275                      280                      285
67 Gly Val Gly Arg Ser His Lys Pro Thr Pro Ala Pro Ser Pro Ala Leu
68      290                      295                      300
69 Pro Gly Ser Thr Asp Gln Leu Ile Ala Ser Pro His Leu Ala Phe Pro
70 305                      310                      315                      320
71 Ser Thr Thr Gly Leu Leu Ala Ala Gln Cys Leu Gly Ala Ala Arg Gly
72                      325                      330                      335
73 Leu Glu Ala Thr Ala Ser Pro Gly Leu Leu Lys Pro Lys Asn Gly Ser
74                      340                      345                      350
75 Gly Glu Leu Ser Tyr Gly Glu Val Met Gly Pro Leu Glu Lys Pro Gly
76                      355                      360                      365
77 Gly Arg His Lys Cys Arg Phe Cys Ala Lys Val Phe Gly Ser Asp Ser
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79 Ala Leu Gln Ile His Leu Arg Ser His Thr Gly Glu Arg Pro Tyr Lys
80 385                      390                      395                      400
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83 His Phe His Arg His Arg Glu Lys Tyr Pro His Val Gln Met Asn Pro
84                      420                      425                      430
85 His Pro Val Pro Glu His Leu Asp Tyr Val Ile Thr Ser Ser Gly Leu
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87 Pro Tyr Gly Met Ser Val Pro Pro Glu Lys Ala Glu Glu Glu Ala Ala
88      450                      455                      460
89 Thr Pro Gly Gly Gly Val Glu Arg Lys Pro Leu Val Ala Ser Thr Thr
90 465                      470                      475                      480
91 Ala Leu Ser Ala Thr Glu Ser Leu Thr Leu Leu Ser Thr Ser Ala Gly
92                      485                      490                      495
93 Thr Ala Thr Ala Pro Gly Leu Pro Ala Phe Asn Lys Phe Val Leu Met
94                      500                      505                      510
95 Lys Ala Val Glu Pro Lys Asn Lys Ala Asp Glu Asn Thr Pro Pro Gly
96                      515                      520                      525
97 Ser Glu Gly Ser Ala Ile Ser Gly Val Ala Glu Ser Ser Thr Ala Thr
98      530                      535                      540
99 Leu Met Gln Leu Ser Lys Leu Met Thr Ser Leu Pro Ser Trp Ala Leu
100 545                      550                      555                      560
101 Leu Thr Asn His Phe Lys Ser Thr Gly Ser Phe Pro Leu Pro Leu Cys
102                      565                      570                      575
103 Ala Arg Ala Leu Gly Ala Ser Pro Ser Glu Thr Ser Lys Leu Gln Gln
104                      580                      585                      590
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Input Set : A:\00742.066002.SEQLIST.TXT

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109	Ser	Ser	Gly	Pro	Asn	Gln	Cys	Val	Ile	Cys	Leu	Arg	Val	Leu	Ser	Cys
110	625					630					635					640
111	Pro	Arg	Ala	Leu	Arg	Leu	His	Tyr	Gly	Gln	His	Gly	Gly	Glu	Arg	Pro
112					645					650					655	
113	Phe	Lys	Cys	Lys	Val	Cys	Gly	Arg	Ala	Phe	Ser	Thr	Arg	Gly	Asn	Leu
114				660					665					670		
115	Arg	Ala	His	Phe	Val	Gly	His	Lys	Ala	Ser	Pro	Ala	Ala	Arg	Ala	Gln
116			675					680					685			
117	Asn	Ser	Cys	Pro	Ile	Cys	Gln	Lys	Lys	Phe	Thr	Asn	Ala	Val	Thr	Leu
118		690					695					700				
119	Gln	Gln	His	Val	Arg	Met	His	Leu	Gly	Gly	Gln	Ile	Pro	Asn	Gly	Gly
120	705					710					715					720
121	Thr	Ala	Leu	Pro	Glu	Gly	Gly	Gly	Ala	Ala	Gln	Glu	Asn	Gly	Ser	Glu
122					725						730				735	
123	Gln	Ser	Thr	Val	Ser	Gly	Ala	Gly	Ser	Phe	Pro	Gln	Gln	Gln	Ser	Gln
124				740					745					750		
125	Gln	Pro	Ser	Pro	Glu	Glu	Glu	Leu	Ser	Glu	Glu	Glu	Glu	Glu	Glu	Asp
126			755					760					765			
127	Glu	Glu	Glu	Glu	Glu	Asp	Val	Thr	Asp	Glu	Asp	Ser	Leu	Ala	Gly	Arg
128		770					775					780				
129	Gly	Ser	Glu	Ser	Gly	Gly	Glu	Lys	Ala	Ile	Ser	Val	Arg	Gly	Asp	Ser
130	785					790					795					800
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132					805						810				815	
133	Ala	Thr	Ala	Gly	Lys	Glu	Met	Asp	Ser	Asn	Glu	Lys	Thr	Thr	Gln	Gln
134				820					825					830		
135	Ser	Ser	Leu	Pro	Pro	Pro	Pro	Pro	Asp	Ser	Leu	Asp	Gln	Pro	Gln	
136			835					840					845			
137	Pro	Met	Glu	Gln	Gly	Ser	Ser	Gly	Val	Leu	Gly	Gly	Lys	Glu	Glu	Gly
138		850					855					860				
139	Gly	Lys	Pro	Glu	Arg	Ser	Ser	Ser	Pro	Ala	Ser	Ala	Leu	Thr	Pro	Glu
140	865					870					875					880
141	Gly	Glu	Ala	Thr	Ser	Val	Thr	Leu	Val	Glu	Glu	Leu	Ser	Leu	Gln	Glu
142					885						890				895	
143	Ala	Met	Arg	Lys	Glu	Pro	Gly	Glu	Ser	Ser	Ser	Arg	Lys	Ala	Cys	Glu
144				900					905					910		
145	Val	Cys	Gly	Gln	Ala	Phe	Pro	Ser	Gln	Ala	Ala	Leu	Glu	Glu	His	Gln
146			915					920					925			
147	Lys	Thr	His	Pro	Lys	Glu	Gly	Pro	Leu	Phe	Thr	Cys	Val	Phe	Cys	Arg
148		930					935					940				
149	Gln	Gly	Phe	Leu	Glu	Arg	Ala	Thr	Leu	Lys	Lys	His	Met	Leu	Leu	Ala
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151	His	His	Gln	Val	Gln	Pro	Phe	Ala	Pro	His	Gly	Pro	Gln	Asn	Ile	Ala
152					965						970				975	
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Output Set: N:\CRF3\11212001\I988117.raw

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VERIFICATION SUMMARY

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Input Set : A:\00742.066002.SEQLIST.TXT

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L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date